

DERWENT-ACC-NO: 1998-082918
DERWENT-WEEK: 199808
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TITLE: Acrylic type adhesive composition for use in sticking tape -
comprises
acrylic copolymer of mainly alkyl(meth)acrylate, and tackifying resin

PATENT-ASSIGNEE: SEKISUI CHEM IND CO LTD[SEKI]

PRIORITY-DATA: 1996JP-0132339 (May 27, 1996)

| PATENT-FAMILY: | PUB-NO | PUB-DATE | LANGUAGE | PAGES |
|----------------|--------|------------------|----------|-------|
| MAIN-IPC | | | | |
| JP 09316417 A | | December 9, 1997 | N/A | 009 |
| C09J 133/08 | | | | |

| APPLICATION-DATA: | PUB-NO | APPL-DESCRIPTOR | APPL-NO | |
|-------------------|--------|-----------------|----------------|-----|
| APPL-DATE | | | | |
| JP09316417A | | N/A | 1996JP-0132339 | May |
| 27, 1996 | | | | |

INT-CL (IPC): C09J007/02; C09J133/08

ABSTRACTED-PUB-NO: JP09316417A

BASIC-ABSTRACT: An acrylic type adhesive composition comprises (i) an acrylic copolymer comprising an alkyl(meth)acrylate as the main component and having a weight average molecular weight (Mw) of 200000-1500000 and a ratio of Mw to number average molecular weight (Mn) of 2-4; and (ii) a tackifying resin, and has an acid value index (AP) represented by equation $(AP) = (AV_i \times W_i)$ (1) of 2-25 and a softening temperature index (SpP) represented by equation $(SpP) = (W_i/S_{pi}) \times 10000$ (2) of 4.5-6.5. In (1) and (2), AV_i = acid value of the i th component of the tackifying resin; W_i = weight fraction of the i th tackifying resin in the acrylic sticking adhesive; and S_{pi} = softening temperature of the i th tackifying resin in the acrylic adhesive composition, (deg. K).

Also claimed are (a) a sticking tape comprises a sticking layer of the adhesive composition formed on at least one side of a flexible film comprising a polyvinylchloride resin, a plasticiser and a metallic compound stabiliser; (b) a sticking tape comprises a sticking layer of the adhesive composition and a

metallic thin layer formed in that order on one side of a plastic film.

USE - The adhesive tape is applied on a stainless steel sheet, a polyvinylchloride board etc.

ADVANTAGE - In the tape, lowering of sticking force caused by migration of plasticisers and metallic stabiliser after heat aging and caused by ionising of the metallic thin layer by moisture in the air only slightly occurs.

CHOSEN-DRAWING: Dwg.0/0

TITLE-TERMS:

ACRYLIC TYPE ADHESIVE COMPOSITION STICK TAPE COMPRISE ACRYLIC COPOLYMER
MAINLY
ALKYL METHO ACRYLATE TACKIFIER RESIN

DERWENT-CLASS: A14 A81 G03

CPI-CODES: A04-E02E; A04-E03E; A04-F06E6; A08-A01A; A08-M05; A08-P01;
A12-A01;
G03-B02D1; G03-B04;

ENHANCED-POLYMER-INDEXING:

Polymer Index [1.1]

018 ; G0340*R G0339 G0260 G0022 D01 D12 D10 D26 D51 D53 D58 D63
F41 F89 G0384*R D11 ; H0000 ; H0011*R ; P0088

Polymer Index [1.2]

018 ; Q9999 Q6644*R ; B9999 B5094 B4977 B4740 ; B9999 B5107*R B4977
B4740

Polymer Index [1.3]

018 ; ND01 ; Q9999 Q6633 ; K9552 K9483 ; K9574 K9483 ; K9687 K9676
; K9698 K9676 ; K9701 K9676 ; K9712 K9676 ; B9999 B3418*R B3372
; B9999 B5301 B5298 B5276

Polymer Index [1.4]

018 ; A999 A680 ; B9999 B4751 B4740

Polymer Index [2.1]

018 ; P0000 ; A999 A680 ; A999 A782

Polymer Index [2.2]

018 ; B9999 B4751 B4740 ; B9999 B5629 B5572

Polymer Index [3.1]

018 ; R00338 G0544 G0022 D01 D12 D10 D51 D53 D58 D69 D82 C1 7A ;
H0000 ; S9999 S1285*R ; P1796 P1809

Polymer Index [3.2]

018 ; B9999 B4035 B3930 B3838 B3747 ; B9999 B5425 B5414 B5403 B5276

Polymer Index [3.3]

018 ; A999 A384

Polymer Index [3.4]

018 ; Gm ; A999 A486*R

SECONDARY-ACC-NO:

CPI Secondary Accession Numbers: C1998-028124